

- GRADE OR PAVING

- EARTH BACKFILL

- GROUND CLAMP

COPPER-BONDED

STEEL SECTIONAL

ROD TO WIRE

WITH CLEAN SAND

3/4" SCHEDULE 40

3" MIN.

12" MIN

PREFERRED SLEEVE INSTALLATION

PVC PIPE —

PART #T416B — ERICO PVC GROUND

#4 BARE COPPER CABLE

1 REFER TO PS DESIGN MANUAL FOR MINIMUM SYSTEM RESISTANCE. IF THIS RESISTANCE CANNOT BE MET WITH SINGLE 10'-0" RODS,

SPACED 20'-0" MIN. FROM EXISTING RODS.

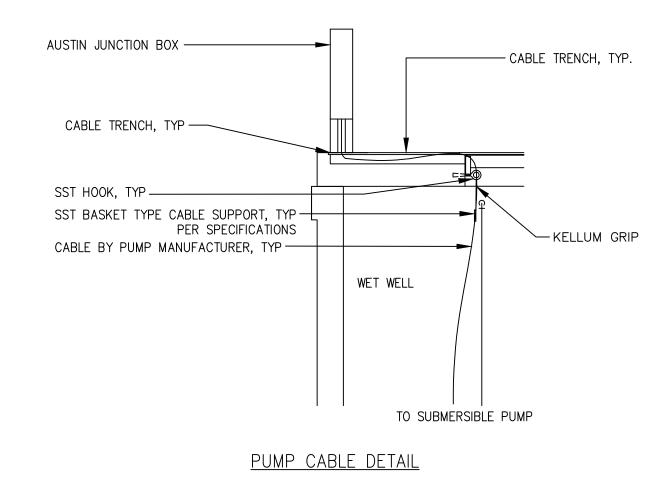
ADD ADDITIONAL SECTIONS TO RODS OR ADD NEW RODS AS REQUIRED,

ELECTRICAL INSTALLATION DETAIL

GROUND ROD ASSEMBLY

INSPECTION BOX AND COVER

MARKED "GROUND ROD"



- BARE COPPER CABLE

(SEE CONTRACT DWG. FOR SIZE) -

— FLOOR, GRADE OR PAVING -

GROUND CABLE SLEEVE INSTALLATION

XOTHERMAL WELD

CABLE TO CABLE

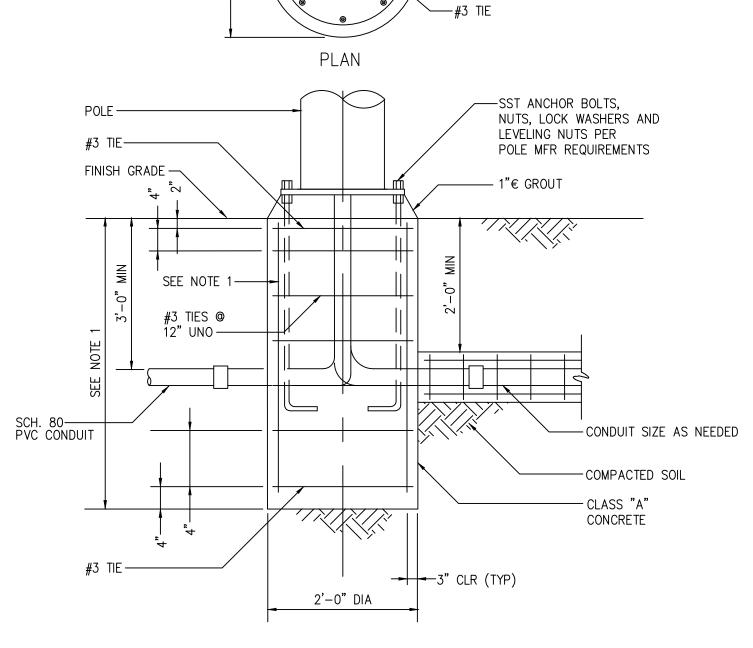
SLEEVE AT BOTH

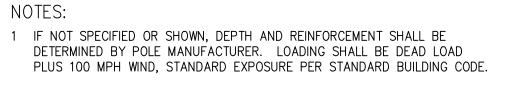
ENDS OR USE LISTED

BONDING CONNECTOR

BRAZE GROUND

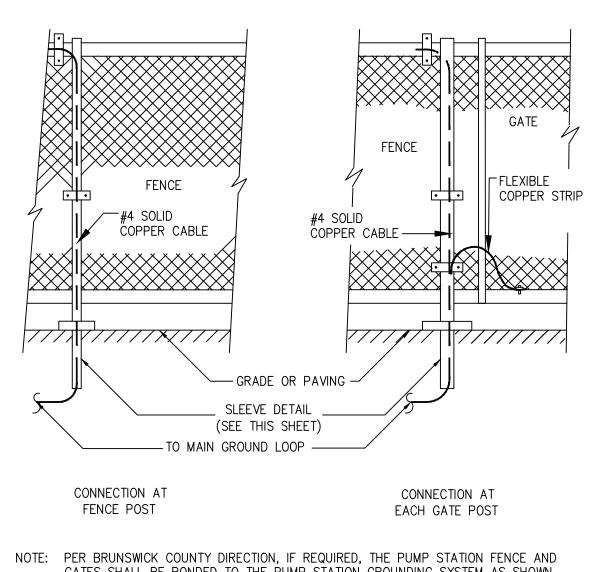
ALTERNATIVE SLEEVE INSTALLATION





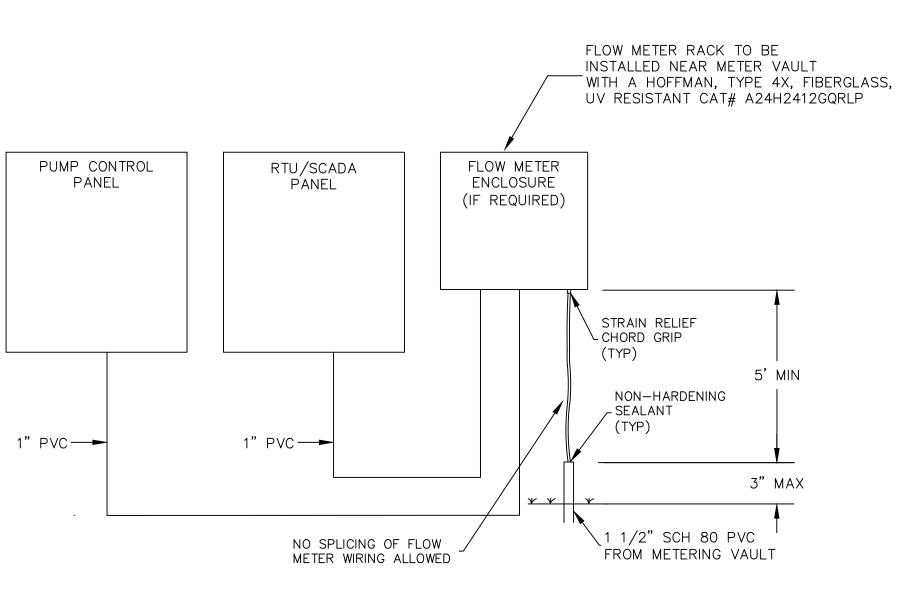
AREA LIGHTING FIXTURE MOUNTING

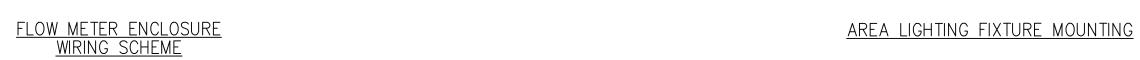
ELEVATION

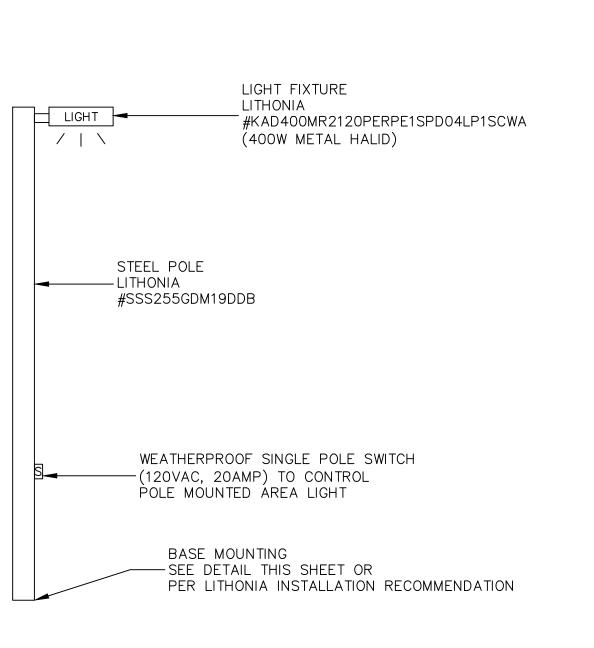


GATES SHALL BE BONDED TO THE PUMP STATION GROUNDING SYSTEM AS SHOWN.

FENCE GROUNDING INSTALLATION DETAIL







1.4 - DATED 10/9/2017 Mod. Flow Meter Detail 1.5 - DATED 11/9/2018 Mod. Electrical Installation Detail 1.6 - DATED 11/28/2018 Move Pressure Gauge Detail to Sheet 2 of 4 1.7 - DATED 5/22/2019 Mod. SCADA & Flow Meter Details

Revisions

1.1 - DATED 8/8/2013 Modified Transducer Det. 1.2 - DATED 10/15/2013 Add. Flow Meter Detail + Mod. RTU Panel Detail.

1.3 - DATED 5/2/2016

∕ 3/4" GALVANIZED

STEEL CONDUIT

Mod. Ground Rod Detail

Date: <u>04-25-12</u> Scale: NTS Drawn By: JDM Checked By: WLP

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